

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

## DECLARATION AND POWER OF ATTORNEY

USA/PCT

As a below named inventor, I hereby declare that:

- (a) My residence and Citizenship are as stated below my name. My P.O. (mailing) address is the same as my residence unless otherwise stated.
- (b) I verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter that is embraced by and for which a patent is sought on the invention entitled: **ADHESIVELY BONDED ENGINE INTAKE MANIFOLD ASSEMBLY** and the specification of which: ☐ is attached hereto (\_\_\_\_).  
(check one) ☒ was filed on April 4, 2001 as (61508).  
Application No. 09/826,477  
and was amended on \_\_\_\_\_

- (c) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
- (d) I acknowledge my duty under 37 CFR 1.56 to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56(b). If this application is a continuation-in-part application, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 CFR 1.56(b) that became available between the filing date of the prior application from which priority is claimed in part (f) below, and the national or PCT international filing date of this application.
- (e) I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below or § 365(a) of any PCT international application that designated at least one country other than the United States of America listed below, and also identify below any other foreign equivalent application for patent or inventor's certificate or any other equivalent PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)			PRIORITY CLAIMED	CERTIFIED COPIES INCL.
Number	Country or PCT	Day/Month/Year Filed	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Additional claims for benefit are attached.				

- (f) I hereby Claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below, or under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States of America listed below:

US or PCT Appln. Serial No.	Filing Date	Status at Application Filing Date
<input type="checkbox"/> Additional claims for benefit are attached.		

I hereby appoint the attorney(s) and/or agent(s) at the following Customer No. to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Address all correspondence to The Dow Chemical Company's appointed counsel at:



This appointment, including the right to delegate this appointment, shall also apply to the same extent it is applicable under the laws of the United States of America to any proceedings established by the Patent Cooperation Treaty.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor(s):

At: Midland, Michigan 48326, U.S.A.  
this 19 day of JUNE, 2001

Signature: [Signature]

Full Name: Bart R. Jones  
Residence: 4201 Moorland Drive  
Midland, Michigan 48640  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same As Residence

At: Auburn Hills, Michigan 48326, U.S.A.  
this 22 day of JUNE, 2001

Signature: [Signature]

Full Name: David M. Courter  
Residence: 3928 Bristol Court  
Clarkston, Michigan 48348  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same As Residence

At: Auburn Hills, Michigan 48326, U.S.A.  
this 26 day of JUNE, 2001

Signature: [Signature]

Full Name: Kenneth J. Ritzema  
Residence: 7648 Red Oak Valley Drive  
Clarkston, Michigan 48348-4179  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same As Residence

At: Auburn Hills, Michigan 48326, U.S.A.  
this 20 day of JUNE, 2001

Signature: [Signature]

Full Name: Marc A. McMaken  
Residence: 67714 Gleason  
Richmond, Michigan 48062  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same As Residence





EMN EV215088295US

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 10, 2001

PTAS

DOBRUSIN DARDEN THENNISCH & LORENZ PC  
ERIC M. DOBRUSIN  
401 S. OLD WOODWARD AVENUE, SUITE 311  
BIRMINGHAM, MI 48009



\*101771601A\*

1062-607

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/28/2001

REEL/FRAME: 011942/0276  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JONES, BART R.

DOC DATE: 06/19/2001

ASSIGNOR:

COURTER, DAVID M.

DOC DATE: 06/22/2001

ASSIGNOR:

RITZEMA, KENNETH J.

DOC DATE: 06/26/2001

ASSIGNOR:

MCMAKEN, MAFC A.

DOC DATE: 06/20/2001

ASSIGNOR:

ASFAW, SELAMAWIT

DOC DATE: 06/20/2001

ASSIGNEE:

DOW CHEMICAL COMPANY, THE  
2030 DOW CENTER  
MIDLAND, MICHIGAN 48674

Received

SEP 14 2001

Dobrusin & Thennisch, P.C.

011942/0276 PAGE 2

SERIAL NUMBER: 09826477  
PATENT NUMBER:

FILING DATE: 04/04/2001  
ISSUE DATE:

PEARLENE FOSTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P. O. Address: \_\_\_\_\_

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 19<sup>th</sup> day of June, 2001, personally appeared  
before me,

**BART R. JONES**

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

*Karen A. LaCroix*  
Notary Public  
**Karen A. LaCroix**  
**NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES FEBRUARY 10, 2005**

UNITED STATES OF AMERICA     )  
STATE OF MICHIGAN            )     SS  
County/Parish of Oakland     )

On this 22 day of June, 2001, personally appeared

DAVID M. COURTER

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

*Mildred F. McKenzie*  
Notary Public  
**Mildred F. McKenzie**  
Notary Public, Oakland County, Michigan  
My Commission Expires December 19, 2004

UNITED STATES OF AMERICA                    )  
STATE OF MICHIGAN                         )    SS  
County/Parish of Oakland                 )

On this 26 day of June, 2001, personally appeared

KENNETH J. RITZEMA

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

*Mildred F. McKenzie*  
Notary Public  
**Mildred F. McKenzie**  
Notary Public, Oakland County, Michigan  
My Commission Expires December 19, 2004



## NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Oakland )

On this 20 day of June, 2007, personally appeared  
before me,

MARC A. MCMAKEN

known or identified to me to be the individual described in and who executed the  
foregoing document and acknowledged the same as a free act and deed for uses and  
purposes therein expressed.

SEAL

*Mildred F. McKenzie*

Notary Public **Mildred F. McKenzie**  
Notary Public, Oakland County, Michigan  
My Commission Expires December 19, 2004

## NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Oakland )

On this 20 day of June, 2007, personally appeared  
before me,

SELAMAWIT ASFAW

known or identified to me to be the individual described in and who executed the  
foregoing document and acknowledged the same as a free act and deed for uses and  
purposes therein expressed.

SEAL

*Mildred F. McKenzie*

Notary Public

**Mildred F. McKenzie**  
Notary Public, Oakland County, Michigan  
My Commission Expires December 19, 2004



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

EMN EV215088295US

AUGUST 28, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

DOBRUSIN & THENNISCH PC  
ERIC M. DOBRUSIN  
401 S. OLD WOODWARD AVENUE  
SUITE 311  
BIRMINGHAM, MI 48009



\*102141230A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

*rum*

1062-007

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/25/2002

REEL/FRAME: 013031/0246  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
DOW CHEMICAL COMPANY, THE

DOC DATE: 06/03/2002

ASSIGNEE:  
DOW GLOBAL TECHNOLOGIES INC.  
WASHINGTON STREET  
1790 BUILDING  
MIDLAND, MICHIGAN 48674

SERIAL NUMBER: 09826477  
PATENT NUMBER:

FILING DATE: 04/04/2001  
ISSUE DATE:

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Received  
SEP 03 2002  
Dobrusin & Thennisch, P.C.

Tab settings

To the Honorable Commissioner of Patents and

1. Name of conveying party(ies):

Bart R. Jones

David M. Courter

Kenneth J. Ritzema

Additional name(s) of conveying party(ies) attached?



Yes



No

3. Nature of conveyance:



Assignment



Merger



Security Agreement

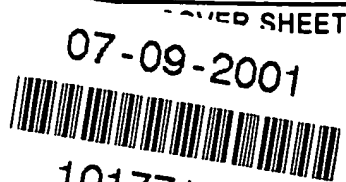


Change of Name



Other

Execution Date: June 19, 20, 22, 26, 2001



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

original documents or copy thereof.  
receiving party(ies):

Name:

The Dow Chemical Company

Internal Address:

Street Address:

2030 Dow Center

City: Midland

State: MI

ZIP: 48674

Additional name(s) & address(es) attached?



Yes



No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/826,477

B. Patent No.(s)

Additional numbers attached?



Yes



No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Eric M. Dobrusin

Internal Address: Dobrusin Darden Thennisch & Lorenz PC

Street Address: 401 S. Old Woodward Avenue, Suite 311

City: Birmingham State: MI ZIP: 48009

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Eric M. Dobrusin

Name of Person Signing

Signature

Date

6

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231



FORM PTO-1595

RECORDATION FORM COVER SHEET U.S.

DEPARTMENT OF COMMERCE

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

PATENTS ONLY

Patent and Trademark Office

## 1. Name of conveying party(ies):

Marc A. McMakenSelamawit Asfaw

Additional name(s) of conveying party(ies) attached?

Yes ☐No ☒

## 2. Name and address of receiving party(ies):

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es) attached?

Yes ☐No ☒

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

---

---

---

---

---

B. Patent No.(s)

---

---

---

---

---

Additional numbers attached?

Yes ☐No ☒

07-02-2002

SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings



To the Honorable Commissioner

102141230

and the attached original documents or copy thereof.

1. Name of conveying party(ies):

The Dow Chemical Company

OFFICE OF PUBLIC RECORDS

2. Name and address of receiving party(ies):

Name: Dow Global Technologies Inc.

Internal Address:

Street Address: Washington Street

1790 Building

City: Midland State: MI ZIP: 48674

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: June 3, 2002

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/826,477

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Eric M. Dobrusin

Internal Address: Dobrusin & Thennisch PC

Street Address: 401 S. Old Woodward Avenue, Suite 311

City: Birmingham State: MI ZIP: 48009

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$ 40.00

☒ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1097 for any deficiencies

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Eric M. Dobrusin

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

4

07/01/2002 LNUELLER 00000219 09826477

01 FC:581

40.00

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

FORM 660

**ASSIGNEE ACCEPTANCE**

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES INC.**  
**Washington Street**  
**1790 Building**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

hereby accept the ASSIGNMENT attached hereto which is dated:

From, the ASSIGNOR: **THE DOW CHEMICAL COMPANY**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

of the invention entitled:

**ADHESIVELY BONDED ENGINE INTAKE MANIFOLD ASSEMBLY**

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 3 day of June, 2002

**DOW GLOBAL TECHNOLOGIES INC.**

CORP.  
SEAL

By: Graham E. Taylor  
**GRAHAM E. TAYLOR**  
**Vice President**

**NOTARIAL CERTIFICATE (Corporation)**

UNITED STATES OF AMERICA )  
 STATE OF MICHIGAN ) SS  
 County/Parish of Midland )

On this 3 day of June, 2002, personally appeared before me, **GRAHAM E. TAYLOR, Vice President, DOW GLOBAL TECHNOLOGIES INC.**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated February 11, 2002, is based on  
 an Authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Ann Heritier  
 Notary Public

**ANN HERITIER**  
**NOTARY PUBLIC, BAY COUNTY, MICHIGAN**  
**ACTING IN MIDLAND COUNTY, MICHIGAN**  
**MY COMMISSION EXPIRES DECEMBER 3, 2002**

[illegible]

**This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.**

This Notarial Certificate is in the ENGLISH language and has the same legal effect as if it were written in the original language.

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

**ANN HERITIER  
NOTARY PUBLIC, BAY COUNTY, MICHIGAN  
ACTING IN MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES DECEMBER 3, 2002**